## UTILITY PATENT APPLICATION

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. 500.43486X00 TAMAMOTO, JUNICHI First Inventor SHEET HANDLING APPARATUS Title Express Mail Label No

TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) Mail Stop Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 SEE MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 1 X Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. fif applicable, all necessary) See 37 CFR 1.27. a. Computer Readable Form (CRF) b. Specification Sequence Listing on: 3 X Specification [Total Pages: 36] i. . D CD-ROM or CD-R (2 copies); or (preferred arrangement set forth below) -Descriptive title of the invention ii. . 🔲 paper -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention ACCOMPANYING APPLICATION PARTS -Brief Summary of the Invention Assignment Papers (cover sheet & documents(s)) -Brief Description of the Drawings (if filed) -Detailed Description 37 CFR 3.73(b) Statement Power of Attorney -Claim(s) -Abstract of the Disclosure (when there is an assignee) English Translation Document (if applicable) 4. 🛛 Drawing(s) (35 U.S.C. 113) [Total Sheets: 8] Information Disclosure Copies of IDS Citations Statement (IDS)/PTO-1449 5. Oath or Declaration [Total Sheets: 3] Newly executed (original or copy), Preliminary Amendment Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) **DELETION OF INVENTOR(S)** (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. L Nonpublication Request under 35 U.S.C. 122 Named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b) or its equivalent. 17. 🛛 Other: Figs. 1-13, Credit Card Payment Form Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: □ Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner: \_ Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number OR Correspondence address below 020457 Name ANTONELLI, TERRY, STOUT & KRAUS, LLP Address City State Zip Code Country Telephone Fax (703) 312-6600 (703) 312-6666 Melvin K Registration No. (Attorney/Agent) Name (Print/Type) 22,466 Signature February 6, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application Number   February 6, 2004	FEE TRANSMITTAL								Complete if Known				
Effective 10/01/2003. Patent fees are subject to annual revision.    Applicant claims small entity status. See 37 CFR 1.27									ion Nur	nber			
Effective 10/01/2003. Patent fees are subject to annual revision.    Applicant claims small entity status. See 37 CFR 1.27		~ r	EV 200	14	F	Filing Date			February 6, 2004	February 6, 2004			
Effective 1001/2003 Patent fees are subject to annual revision  Examiner Name    Additional Claims small entity status. See 37 CFR 1.27								First Named Inventor			TAMAMOTO, JUNICHI		
Applicant claims small entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT (check all that apply)   FEE CALCULATION (continued)	Effective 10/01/2003. Patent fees are subject to annual revision							· · · · · · · · · · · · · · · · · · ·				·	
METHOD OF PAYMENT (check all that apply)  □ Check □ Credit Card □ Money □ Other □ None Order  □ Deposit Account □ Deposit Account □ O1-2135 □ Deposit □ Deposit □ O1-2135 □ Deposit □ O1-2135 □ Deposit □ Deposit □ D1-2135 □ Deposit □ D1-2135 □ Deposit □ D1-2135 □								Art Unit					
METHOD OF PAYMENT (check all that apply)   Scredit Card   Money   Other   None Order   Stredit Card   Money   Other   None Order   Stredit Card   Money   Other   None Order   Stredit Card   Other   Othe													
Check   Credit Card   Mone   Other   None   Order   Subsport   Account   A					<u> </u>	llomey	Docke						
Deposit   Account   Deposit   Account   Deposit   Account   Antonelii, Terry, Slout & Kraus, LLP   Fee   Fee   Code   (\$)   Surcharge - late filing fee or cash   Deposit   Antonelii, Terry, Slout & Kraus, LLP   Fee   Fee   Code   (\$)   Surcharge - late filing fee or cash   Deposit   Antonelii, Terry, Slout & Kraus, LLP   Surcharge - late filing fee or cash   Deposit   Antonelii, Terry, Slout & Kraus, LLP   Surcharge - late filing fee or cash   Deposit   Deposit   Surcharge - late filing fee or cash   Deposit   Depo						FEE CALCULATION (continued)							
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Deposit Account   Antonelli, Terry, Stout & Kraus, LLP   Fee Code   C								arge Entity Small Entity					
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The Director is authorized to: (check all that apply) Charge fee(s) indicated below & Cerdit any overpayments  Start Claims Cape Start Claims Extra													
Charge fee(s) indicated below except for the filing fee to the above-identified deposit account.    Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   1804   200   200   200   200   200   200   205   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201   201	The Director is authorized to: (check all that apply)							50	2052	25			
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	☐ Charge fee(s) indicated below ☐ Credit any overpayments												
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.   1804 920	☑ Charge any additional fee(s) during the pendency of this application.												
Section   Sect	Character(a) indicated below average for the filling for											1	
1. BASIC FILLING FEE								920*	1804	920*			
1. SASC   FLEE   Large   Entry   Small Entry   Fee								1,8401	1805	1,840			
Pee   Fee   Fee   Fee   Fee   Fee   Fee   Pee   Pee   Paid   1252   420   2252   210   Extension for reply within second month   1253   950   2253   475   Extension for reply within furd month   1253   950   2253   475   Extension for reply within furd month   1253   950   2253   475   Extension for reply within furd month   1253   950   2253   475   Extension for reply within furd month   1253   950   2253   475   Extension for reply within furd month   1253   950   2253   175   Extension for reply within furd month   1253   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175	1. BASIC	FILI	NG FE	Ε									
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1002   340   2002   170   Design filing fee   1254   1,480   2255   2,010   2255   1,005   Extension for reply within fourth month   1401   330   2401   165   Notice of Appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1403   290   2403   145   Request for oral hearing   1451   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510   1,510					Cee Description								
1002   530   2003   265   Plant filing fee   1255   2,010   2401   165   Notice of Appeal   1401   330   2402   165   Fliling a brief in support of an appeal   1402   2303   145   Nultiple Dependent   290   = 0   1807   1807   1808   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809   1809		1			• •	770.00					· ·		
1003   30   2003   285   Paint liling fee   1401   330   2401   165   Notice of Appeal   1401   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1403   290   2403   145   Request for oral hearing   1451   1,510   Petition to institute a public use proceeding   1451   1,510   1451   1,510   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1453   1,330   2501   665   Utility issue fee (or reissue)   1453   1,330   2501   665   Utility issue fee (or reissue)   1502   480   2502   240   Design issue fee   1463   30   461   330   Patritions to the Commissioner   1466   130   1460   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   1461   130   14													
1005   160   2005   80   Provisional filing fee   1402   330   2403   145   Request for oral hearing   2403   2403   145   Request for oral hearing   2403   2403   145   Request for oral hearing   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   2403   24		l	_	1	<u>-</u>						•		
SUBTOTAL (1)  SUBTOTAL (1)  SUBTOTAL (1)  T70.00  1451 1,510  1451 1,510 Petition to institute a public use proceeding  1452 110  1452 110  1452 15 Petition to revive – unavoidable  Extra ClaIms below Fee Paid  1501 1,330  1502 480  1502 480  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  1503 640  150			-	ı	ū						• • • • • • • • • • • • • • • • • • • •		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Extra Claims below Fee Paid  Total Claims 21 -20** = 1	1005	160	2005	1 80	Provisional filing fee								
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					SUBTOTAL (1)								
Total Claims   21   -20** = 1   x   18   = 18.00   1502   480   2502   240   Design issue fee						770.00	1452	110	2452		· · · · · · · · · · · · · · · · · · ·		
Extra Clalms   below   Fee Paid   1501   1,330   2501   665   Utility issue fee (or reissue)	Z. EXIRA	A CL	AIM FE	:E5 F		REISSUE	1453	1,330	2453	665	Petition to revive - unintentional		
Indep. 1 -3** = 0 x 86 = 0  Claims  Multiple Dependent 290 = 0  Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Gode (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent SUBTOTAL (2) \$ 18.00  **or number previously paid, if greater, For Reissues, see above.  Indep. 1 -3** = 0 x 86 = 0  1503 640 2503 320 Plant issue fee 1406 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 180 Submission of Information Disclosure Stmt Per property (times number of properties) 1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1807 1808 1809 1809 1809 1809 1809 1809 1809			Ęx	tra CI		Fee Paid	1501	1,330	2501	665	Utility issue fee (or reissue)		
Claims  Multiple Dependent  290 = 0  1807 50  1807 50  1807 50  Processing fee under 37 CFR 1.17(q)  1806 180  Submission of Information Disclosure Stmt  1806 180  Submission of Information Disclosure Stmt  1807 1806 180  Submission of Information Disclosure Stmt  1808 1808 1808  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809 1809  1809	Total Claim	s 21	-20*	* = 1	x 18	= 18.00	1502	480	2502	240	Design issue fee		
Multiple Dependent 290 = 0  Large Entity   Small Entity   Fee   Fee   Code (\$)   1202 18   2202 9   Claims in excess of 20 1201 86   2201 43   Independent claims in excess of 3 1203 290   2203 145   Multiple dependent claims over original patent   1205 18   2205 9   "Reissue claims in excess of 20 and over original patent   1205 18   2205 9   "Reissue claims in excess of 20 and over original patent   1206 180   1807 50   Processing fee under 37 CFR 1.17(q) 1806 180   1808   1808   Submission of Information Disclosure Stmt   1802 1 40   Recording each patent assignment per property (times number of properties) 1809 770   2809 385   Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 770   2810 385   For each additional invention to be examined (37 CFR § 1.129(b)) 1801 770   2801 385   Request for Continued Examination (RCE)   1802 900   Request for expedited examination of a design application  Other fee (specify)    "Reduced by Basic Filing Fee Paid   SUBTOTAL (3) (\$)   40.00	Indep.	1	-3**	= 0	x 86	= 0	1503	640	2503	320	Plant issue fee		
Large Entity   Small Entity   Fee   Fee   Fee   Code   (\$)   Code   Code   (\$)   Code   Code   (\$)   Code   Code   (\$)   Code	Claims						1406	130	1460	130	Petitions to the Commissioner	1	
Fee Code (\$)	, ,	•			290	= 0	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Code (\$)	Egg Egg	+ =>	- Ea	<del>-</del>	Fee Descrip	tion	1806	180	1806	180	Submission of Information Disclosure Stmt	<u> </u>	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$ 18.00  **or number previously paid, if greater, For Reissues, see above.  1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))  1801 770 2801 385 Request for Continued Examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  40.00	Code (\$)	Co	de (\$)	-			8021	40	8021	40			
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) \$ 18.00							1809	770	2809	385			
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1205 18 2205 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$ 18.00   1802 900   1802 900   Request for expedited examination of a design application   Other fee (specify)   Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00		36 2204 43 ** Reissue independent claims			1810	770	2810	385					
and over original patent SUBTOTAL (2) \$ 18.00  Other fee (specify)  **Reduced by Basic Filing Fee Paid	1205 18	22	05 9				1801	· 770	2801	385	Request for Continued Examination (RCE)		
Other fee (specify)  **or number previously paid, if greater, For Reissues, see above.  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00		and over original patent				1802	900	1802	900				
**Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00		1			SUBTOTAL (2)	18.00					or a design application	1	
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00	**or number	previo	ously pai	id, if aı	reater, For Reissues.	see above.	Other	fee (spe	ecify)		_		
					,		*Redu	uced by I	Basic Fili	ng Fee	Paid SUBTOTAL (3) (\$)	40.00	
					40.00								

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(Attorney/Agent)

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Date

02/06/2004

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